

### **Amendments to the Claims**

This listing of the claims will replace all prior versions, and listings, of claims in the application.

1 – 15            (Cancelled)

16.    (Currently Amended) A system for testing an implant attached to a bone, the system comprising:

        a member adapted to be releasably attached to said implant, and  
        detecting means for detecting at least one resonance frequency of the member when it is  
                attached to the implant,  
        wherein said member comprises a magnetic part and said detecting means comprises an  
                electromagnetic detector for contactless detection of said magnetic part.

17.    (Cancelled)

18.    (Currently Amended) The ~~arrangement-system~~ according to claim 16, wherein said electromagnetic detector comprises a coil.

19.    (Currently Amended) The ~~arrangement-system~~ according to claim 16, further comprising an amplifier, a processor, and a data storing arrangement.

20.    (Currently Amended) The ~~arrangement-system~~ according to claim 16, wherein signals detected by the electromagnetic detector are amplified by said amplifier and applied as an input to be ~~analysed~~analyzed; the ~~analysed-analyzed~~ output, which represents a ratio of a response voltage to the excitation, is fed to said processor, which varies the frequency output of the oscillator of the ~~analyser~~analyzer, and stores the results in said data storing arrangement.

21 – 23            (Cancelled)

24. (Currently Amended) The ~~arrangement~~system according to claim 16, wherein said ~~detectable~~magnetic part consists of a ferromagnetic material.

25. (Currently Amended) The ~~arrangement~~system according to claim ~~24~~20, wherein said detector comprises a coil for detecting disturbances in an external magnetic field.

26. (Currently Amended) The ~~arrangement~~system according to claim 16, wherein the member comprises a cantilever beam.

27. (Currently Amended) The ~~arrangement~~system according to claim 26, wherein the beam is arranged or adapted to resonate at a frequency within the range of about 1 to 20 kHz.

28. (Currently Amended) The ~~arrangement~~system according to claim 16, wherein said member is disposable.

29. (Currently Amended) A disposable implant testing part provided for testing an implant attached to a bone, said part comprising a detectable part, which can be detected contactlessly by means of a detector.

30. (Previously Presented) The ~~arrangement~~system according to claim 27, wherein the beam is arranged or adapted to resonate at a frequency within the range of about 1 to 10 kHz.

31. (Previously Presented) The ~~arrangement~~system according to claim 30, wherein the beam is arranged or adapted to resonate at a frequency of about 8 kHz.

32 – 34 (Cancelled)